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(54) **Human cell line and triomas, antibodies, and transformants derived therefrom.**

(57) A stable, continuous human cell line or progeny thereof is produced that is resistant to 6-thioguanine and ouabain, secretes less than 40 ng/ml of endogenous IgM antibodies, and grows with a doubling time of about 18 hours. The cell line, which preferably is adapted to serum-free medium, may be used as a fusion partner with an antibody-producing cell line so as to generate antibodies. In addition, it may be electroporated with a vector containing a gene of interest to produce a transformed cell line which generates a protein encoded by the gene, such as an IgG or IgM antibody.

EP 0 292 965 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			EP 88108421.4
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 2)
D, X	<u>US - A - 4 624 921</u> (LARRICK et al.) * Claims *	1, 2, 6, 8, 9	C 12 N 5/00 C 12 N 15/00 C 12 P 21/00 /(C 12 P 21/00 C 12 R 1:91)
D, X	<u>EP - A2 - 0 062 409</u> (THE REGENTS OF THE UNIVERSITY OF CALIFORNIA) * Claims 1, 2; page 3 *	1, 3	
X	<u>EP - A2 - 0 157 574</u> (THE GREEN GROSS CORPORATION) * Claims 1-6 *	1	
A	<u>EP - A2 - 0 093 436</u> (BOEHRINGER MANNHEIM GMBH) * Claims 1, 6 *	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 2)
			C 12 N C 12 P
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 05-10-1989	WOLF Examiner
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	